

FIG. 1

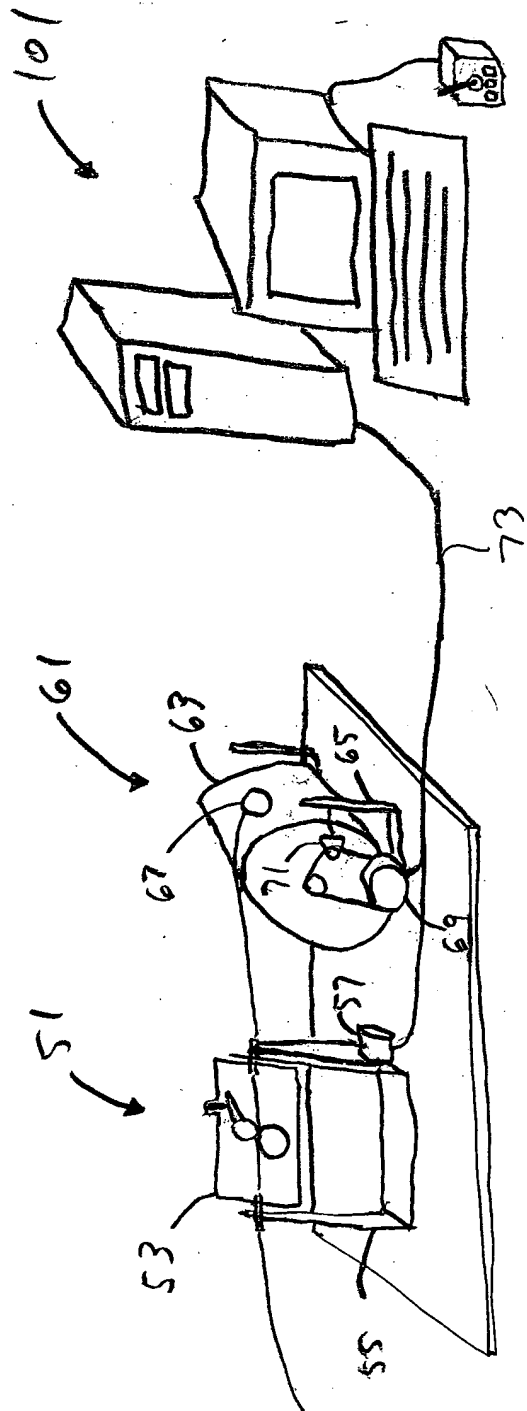


FIG. 2

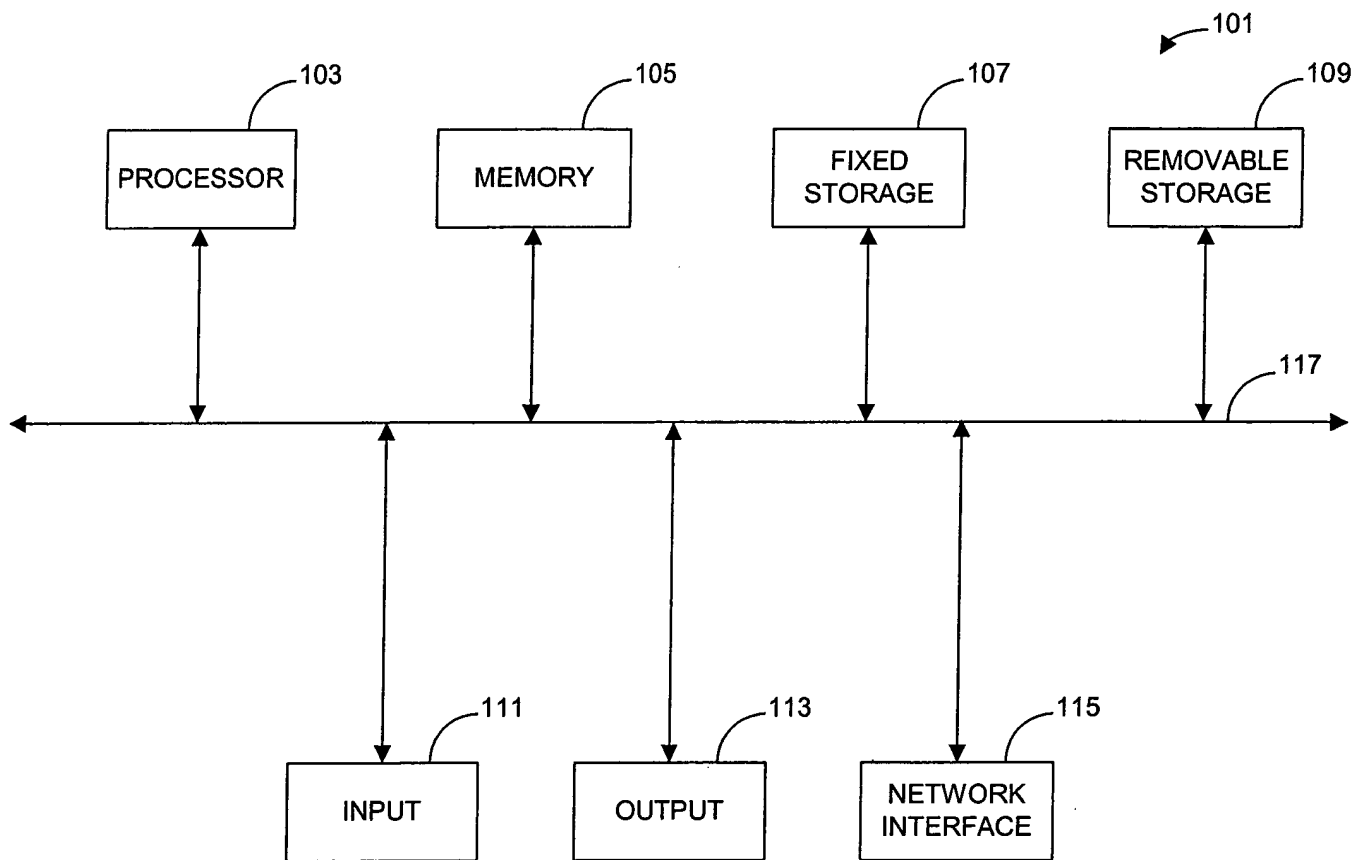


FIG. 3

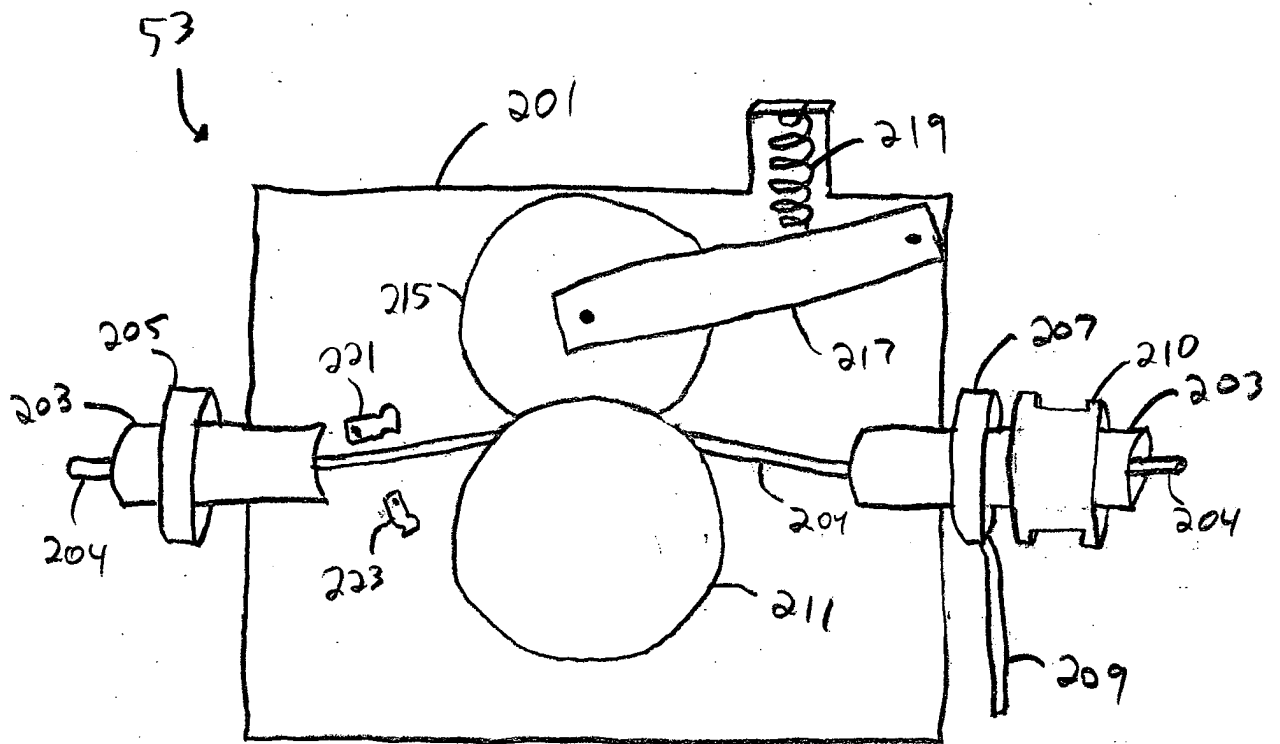


FIG. 4A

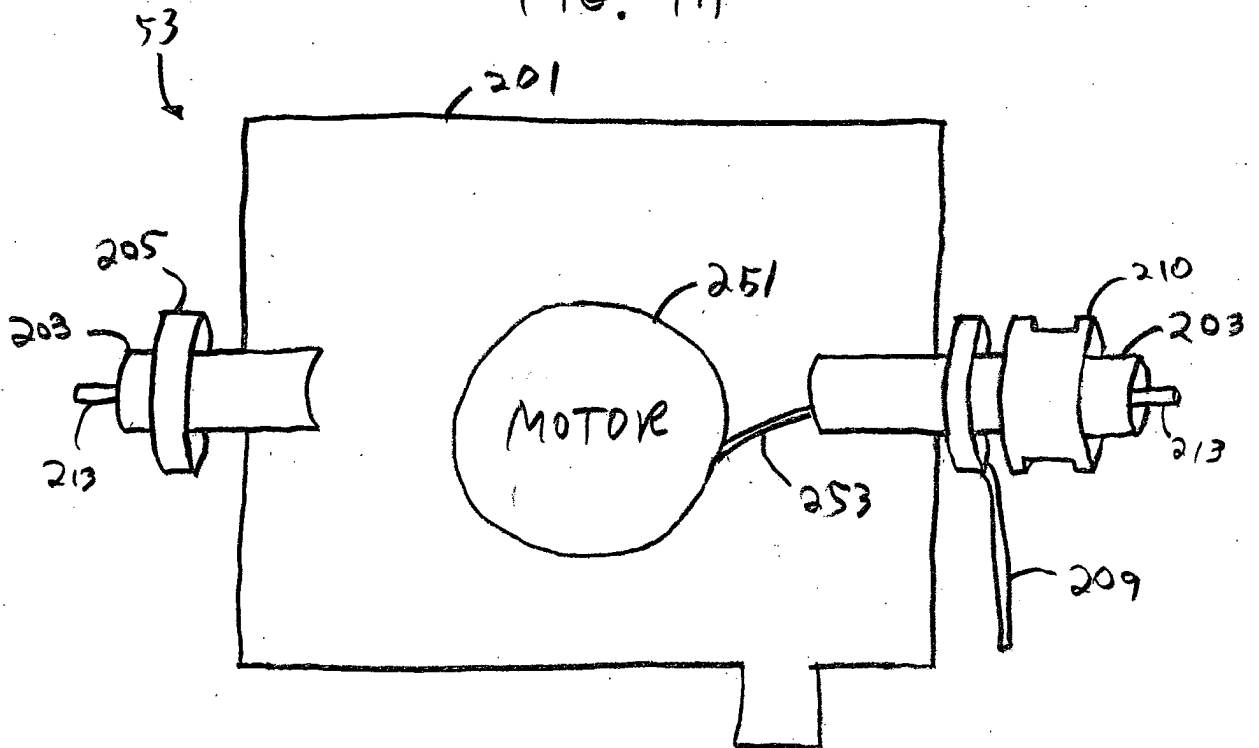


FIG. 4B

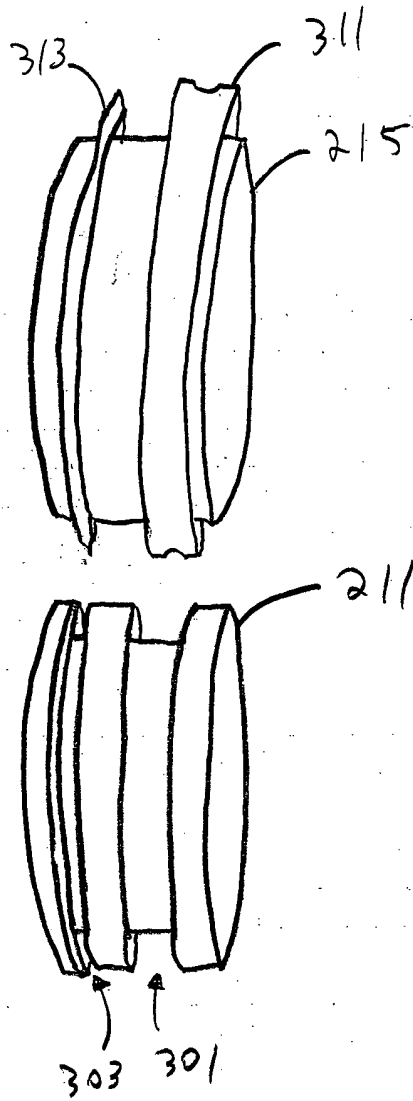


FIG. 5

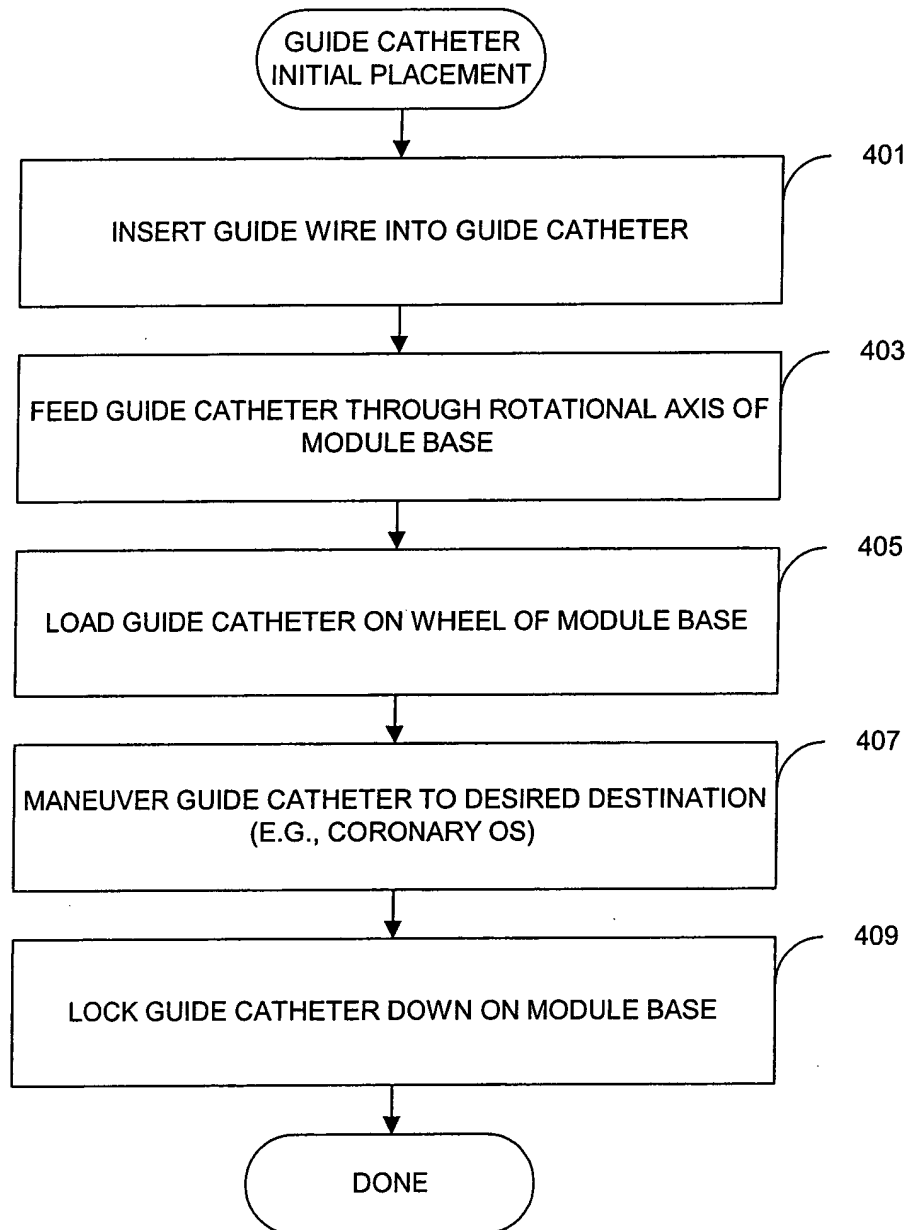


FIG. 6

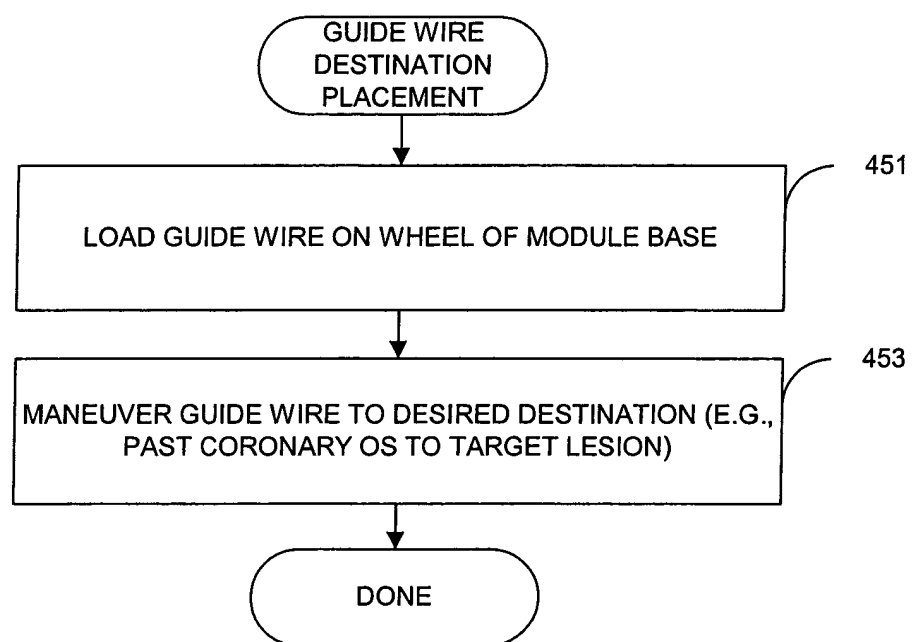


FIG. 7

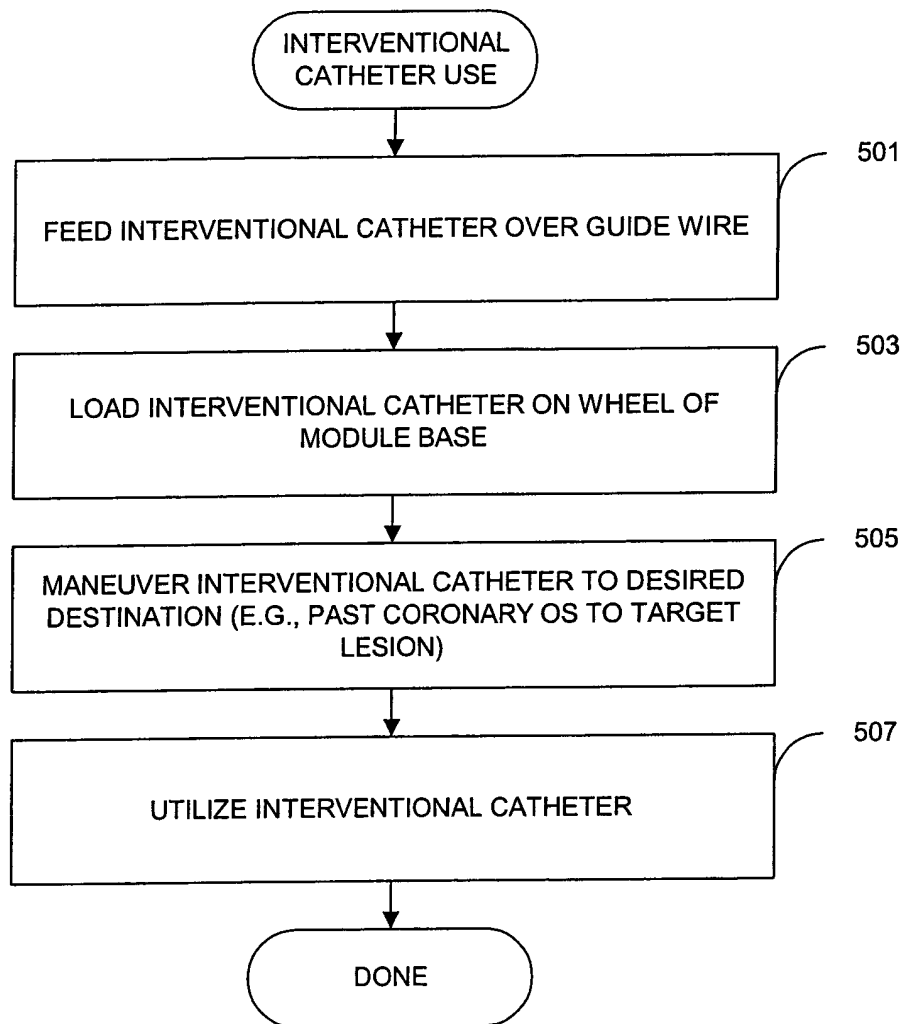


FIG. 8



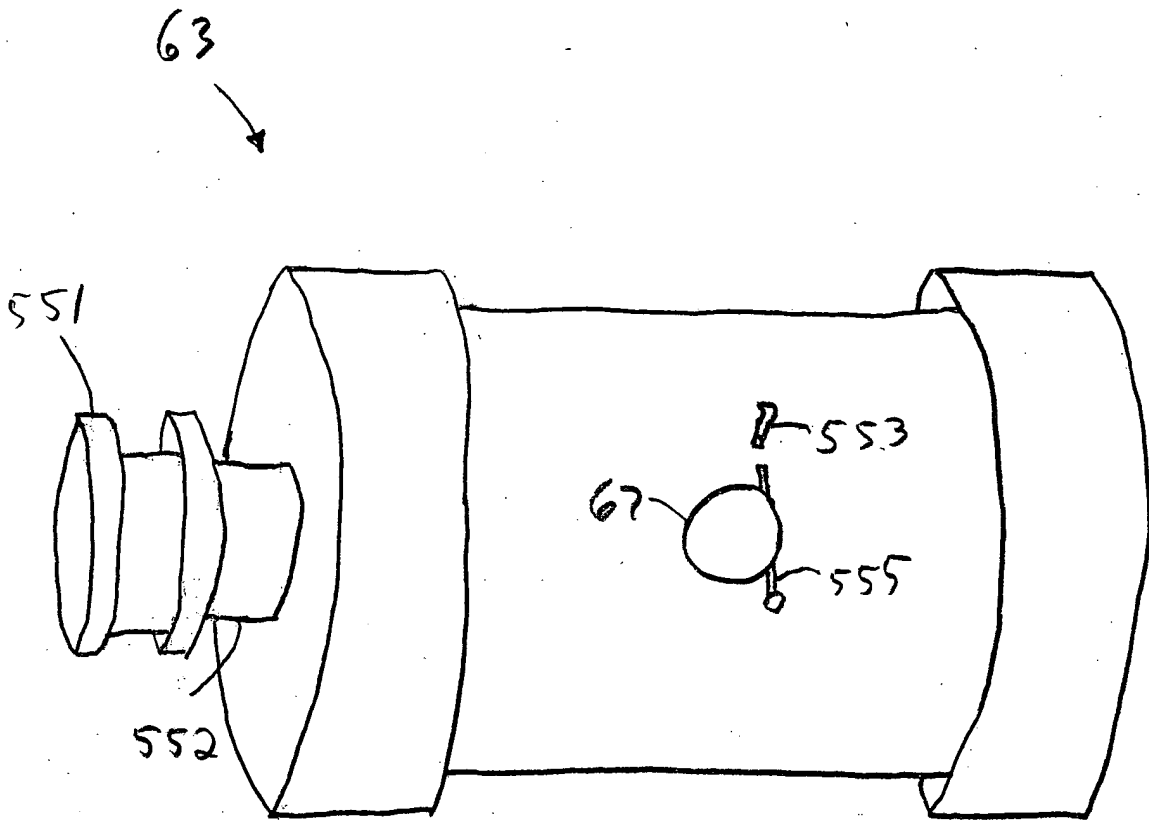


FIG. 9

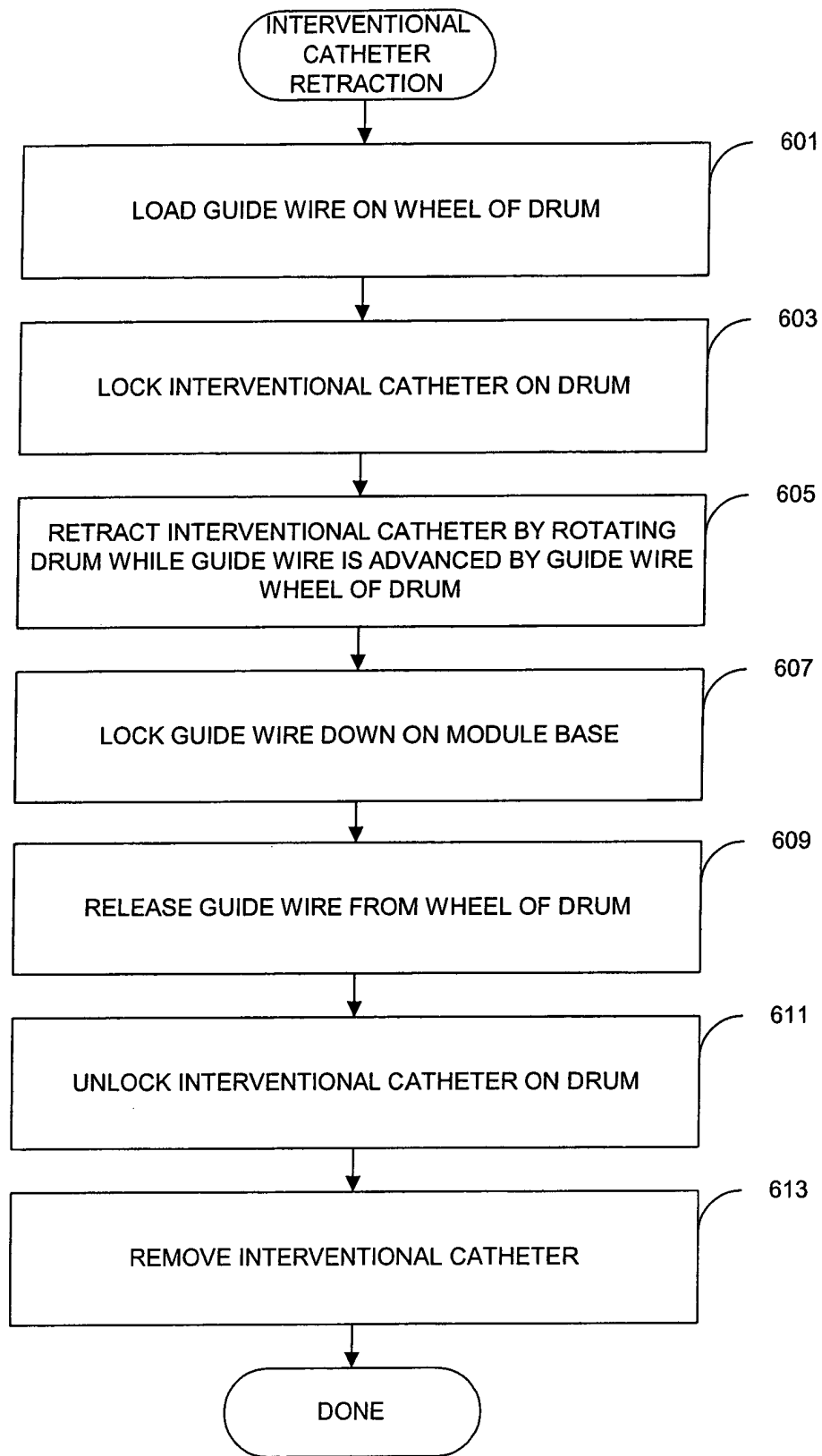


FIG. 10

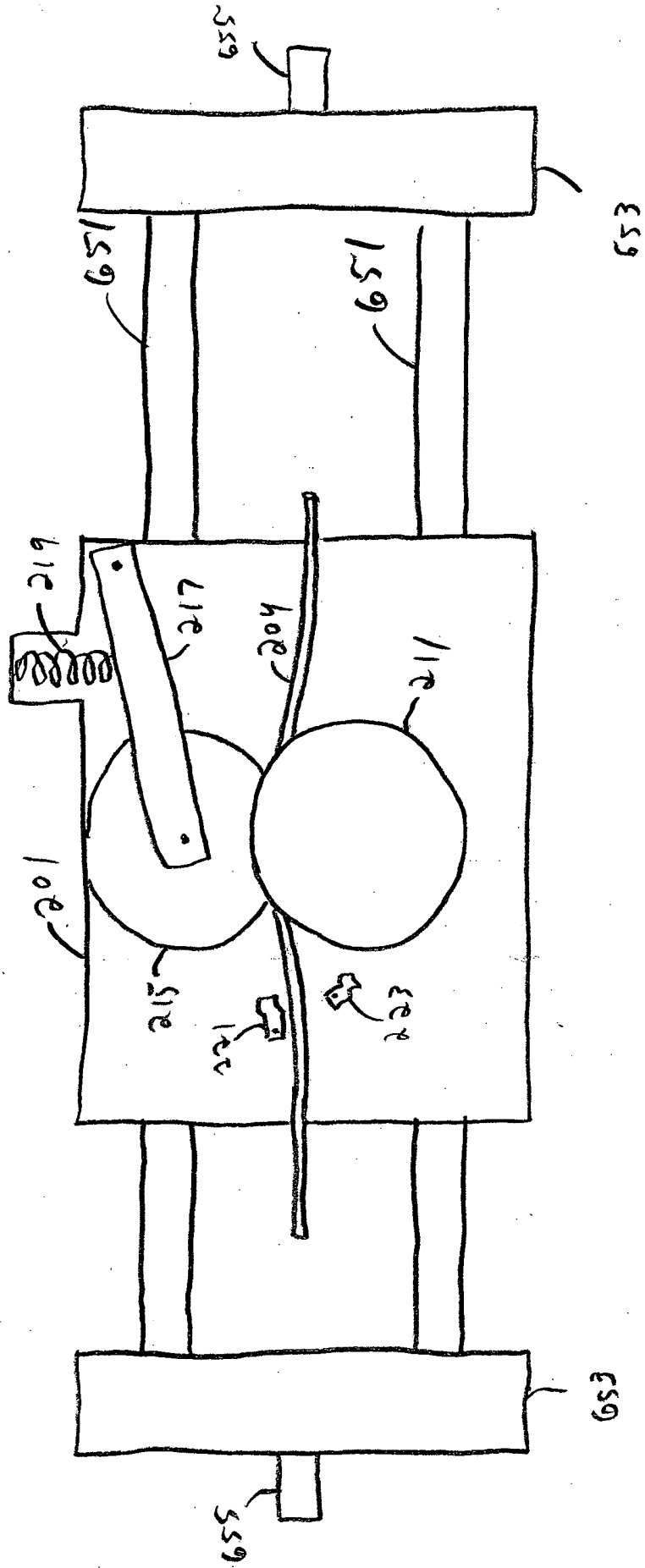


FIG. 11A

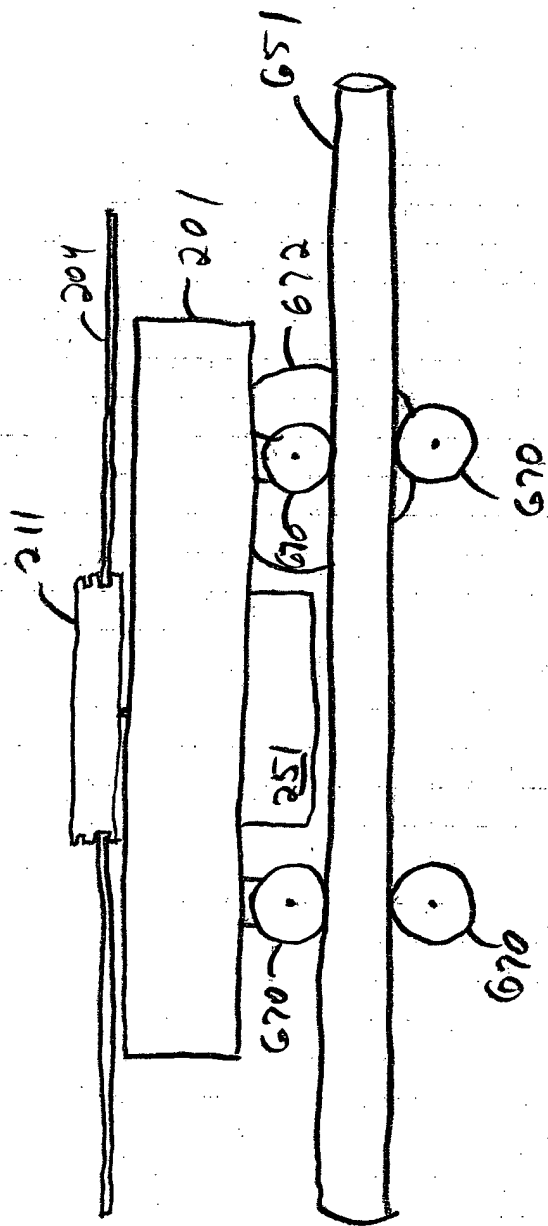


FIG. 11B

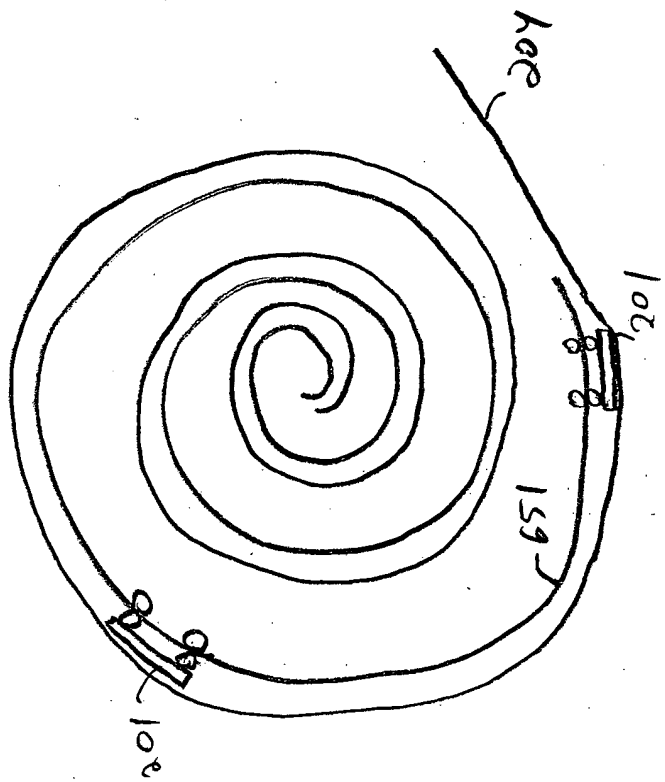


FIG. 12

Mod-Base Whe l		Rotate Mod-Bas		Drum		Drum Wheel	
Count	0000	Count	0000	Count	0000	Count	0000
Rate	10	Rate	10	Rate	10	Rate	10

<input checked="" type="radio"/> Advance	<input checked="" type="radio"/> Clockwise (CW)	<input type="radio"/> Advance
<input type="radio"/> Withdraw	<input type="radio"/> Counter CW	<input type="radio"/> Withdraw

Single-Step	Single-Step	Single-Step
Continuous	Continuous	Continuous

### SELECTED ACTION SET (BB3 Up, BB4 Down)

- Move Guide Wire (with Rotation) [only device inserted]
- Move Guid Catheter and Guide Wire (with Rotation)
- Mov Guide Catheter (with Rotation) — Hold Guide Wire
- Move Guide Wire — Hold Guide Catheter
- Mov Interventional Catheter & (if applic.) Guide Wire (with Rotation)
- Move Interventional Catheter (with Rotation) — Hold Guide Wire**
- Move Guide Wire (with Rotation) — Hold Interventional Catheter
- Move Module-Base Wheel Alone
- Rotat Modul Base Alone
- Move Drum Alone
- Move Drum Whe l Alone

Mod-Base Wheel To Drum Ratio	Drum Wheel
5	5

(BB2) Allow Rotation (if applicable)	<input checked="" type="checkbox"/>
Per(MOD_BASE_WHEEL)	0
Per(DRUM_WHEEL)	0
Per(DRUM_ITSELF)	0

Y-Stepper Velocity	1
X-Stepper Velocity	1

Settings	Start
Parallel Port	378H (888)
Controlled Functions	Mod-Base Wheel --
<input checked="" type="checkbox"/> Advance/Withdraw Catheter	<input type="checkbox"/> Flush Catheter
<input checked="" type="checkbox"/> Rotate Module Base	<input type="checkbox"/> Inject Contrast
<input checked="" type="checkbox"/> Rotate Drum	<input type="checkbox"/> Withdraw Sample
<input checked="" type="checkbox"/> Drum Wheel -- Advance/Withdraw Wire	

View-point control could be used for functions such as Flush Catheter, (Measure Pressure), etc.

Interventional Catheter on Module-Base Wheel and Drum  
Guide Wire on Drum Wheel  
Guide Cath t r Clamped on Module Base

Y-Base Speed Multiplier	67
Release All Motors (BB1)	

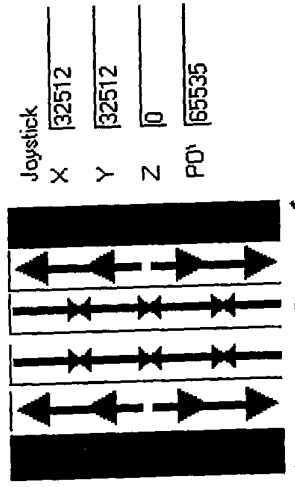


FIG. 13